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(71)Applicant : RICOH CO LTD

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(72)Inventor : TSUTSUI KYOJI

YAMAGUCHI TAKEHITO

(54) FORMING METHOD OF COLORED-STATE COMPOSITION, FORMING METHOD OF COLORED IMAGE AND ERASING METHOD OF COLORED IMAGE

(57)Abstract:

PURPOSE: To provide a recording method wherein in a reversible thermal recording medium for which reaction between a coloring agent and developer is used, a plurality of colored images whose achromatization initiation temperatures are different from each other are made to form on a thermal recording medium for which one kind of thermal coloring compound is used, through which a function of the recording medium is made high.

CONSTITUTION: After a composition of a recording layer is melted and made into a colored state by applying heat to a recording body into an imagelike state by making use of a reversible thermal recording medium possessing a reversible thermal coloring composition within the recording layer, a colored image is cooled at various cooling speed and a plurality of kinds of the colored images whose achromatization initiation temperatures are different from each other are obtained, a temperature rise of the recording medium to a temperature which can eliminate the colored image having the achromatization initiation temperature on a low temperature side out of recorded images is made to perform temporarily and the recorded image whose colored image is erased is formed.

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